

FIG.1

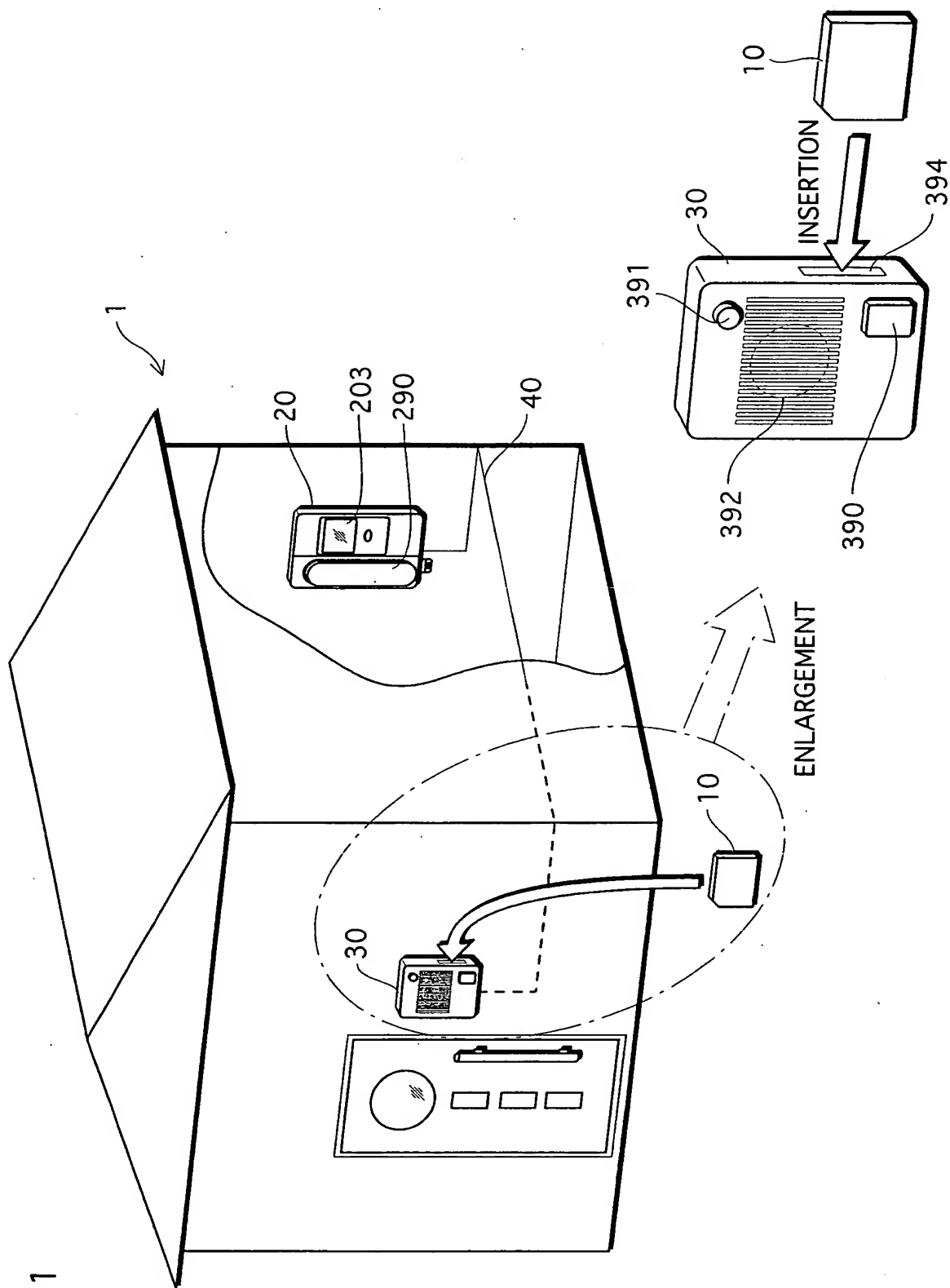


FIG.2

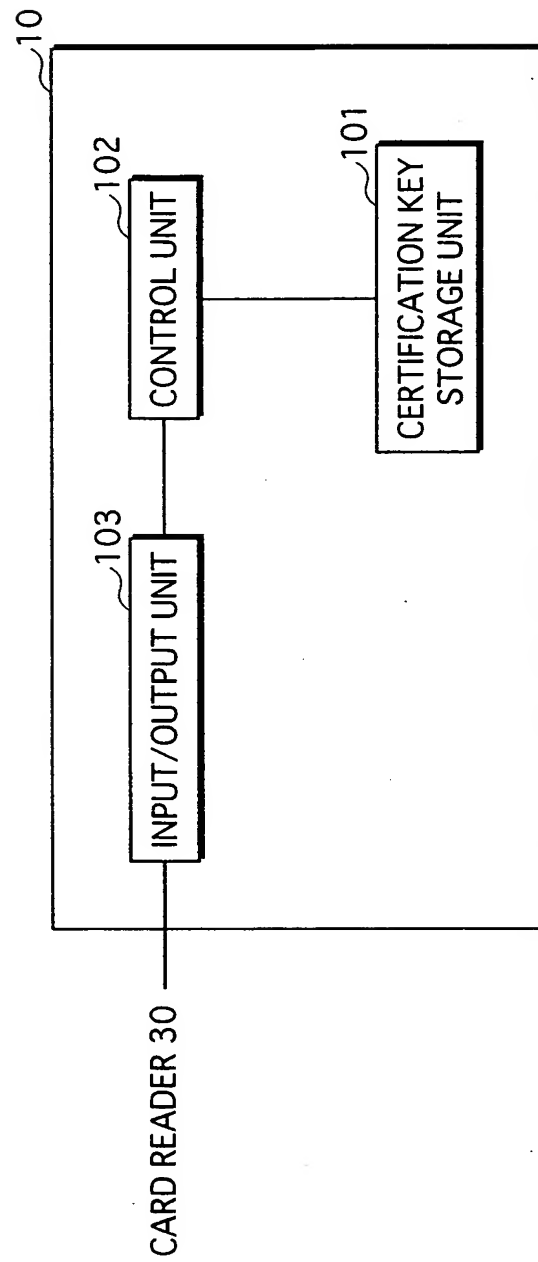


FIG.3

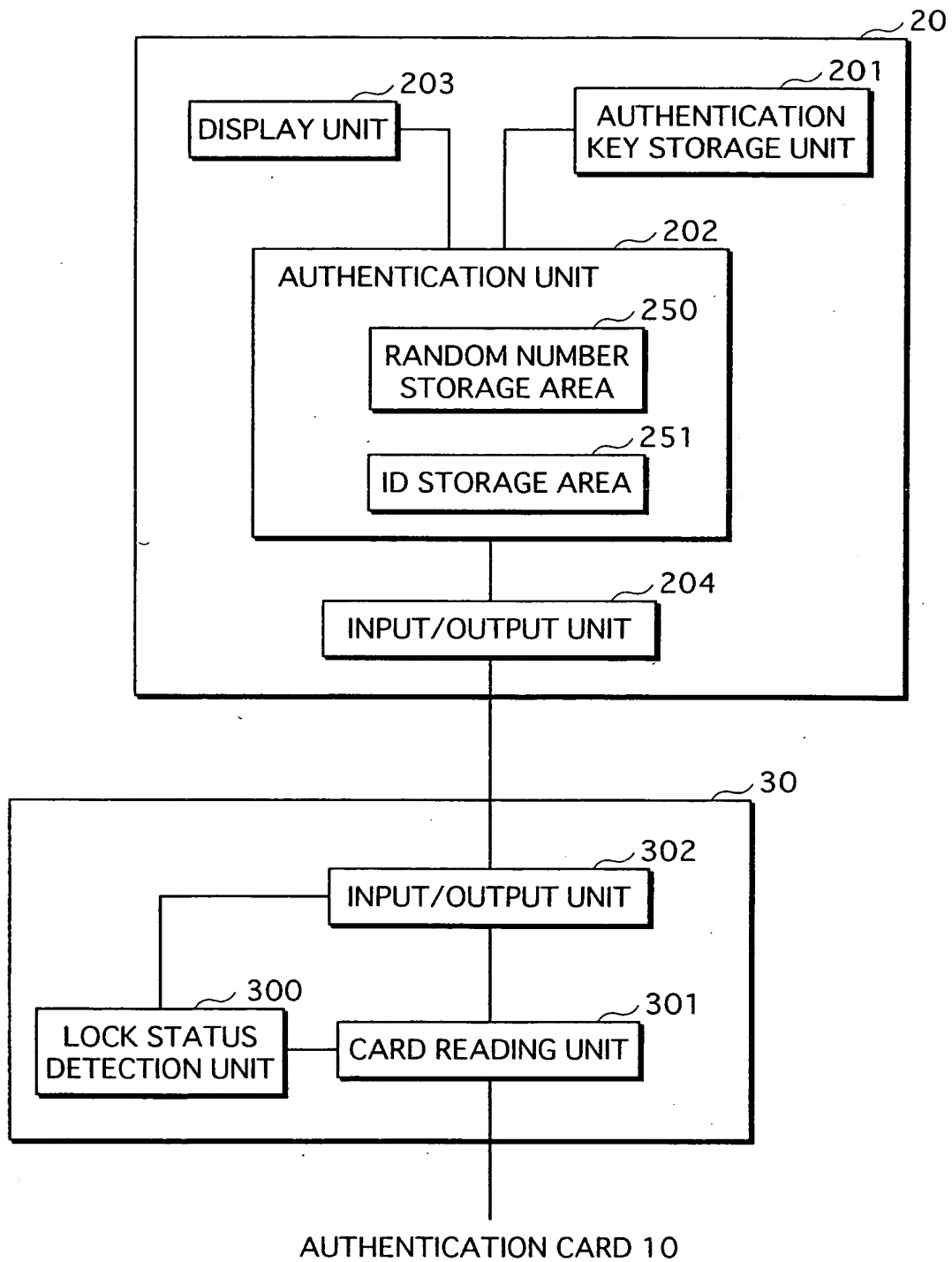


FIG.4

T100
↙

AUTHENTICATION KEY ID	IDENTITY AUTHENTICATION KEY
ID 1	SK 1
ID 2	SK 2
ID 3	SK 3
⋮	⋮

FIG.5

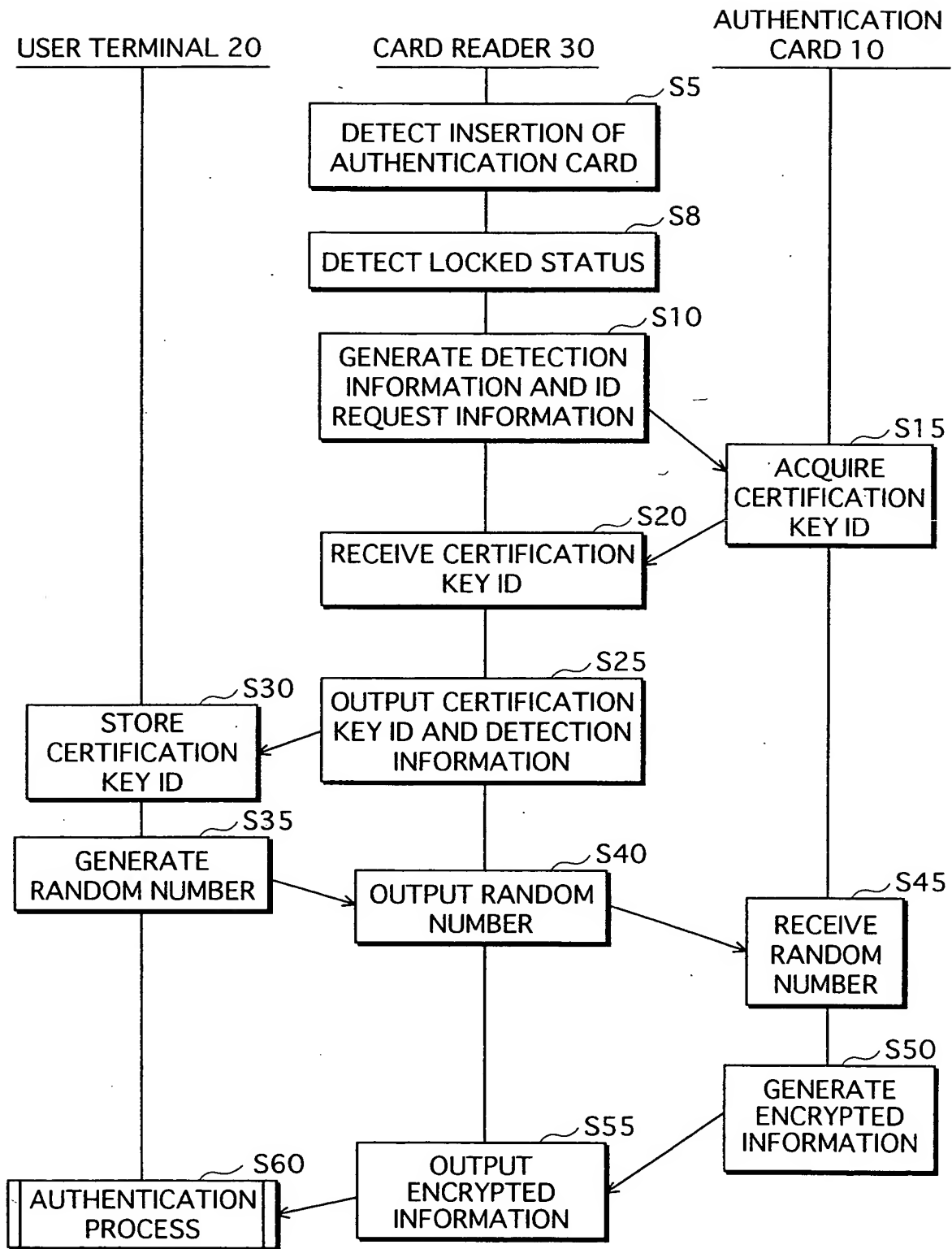


FIG.6

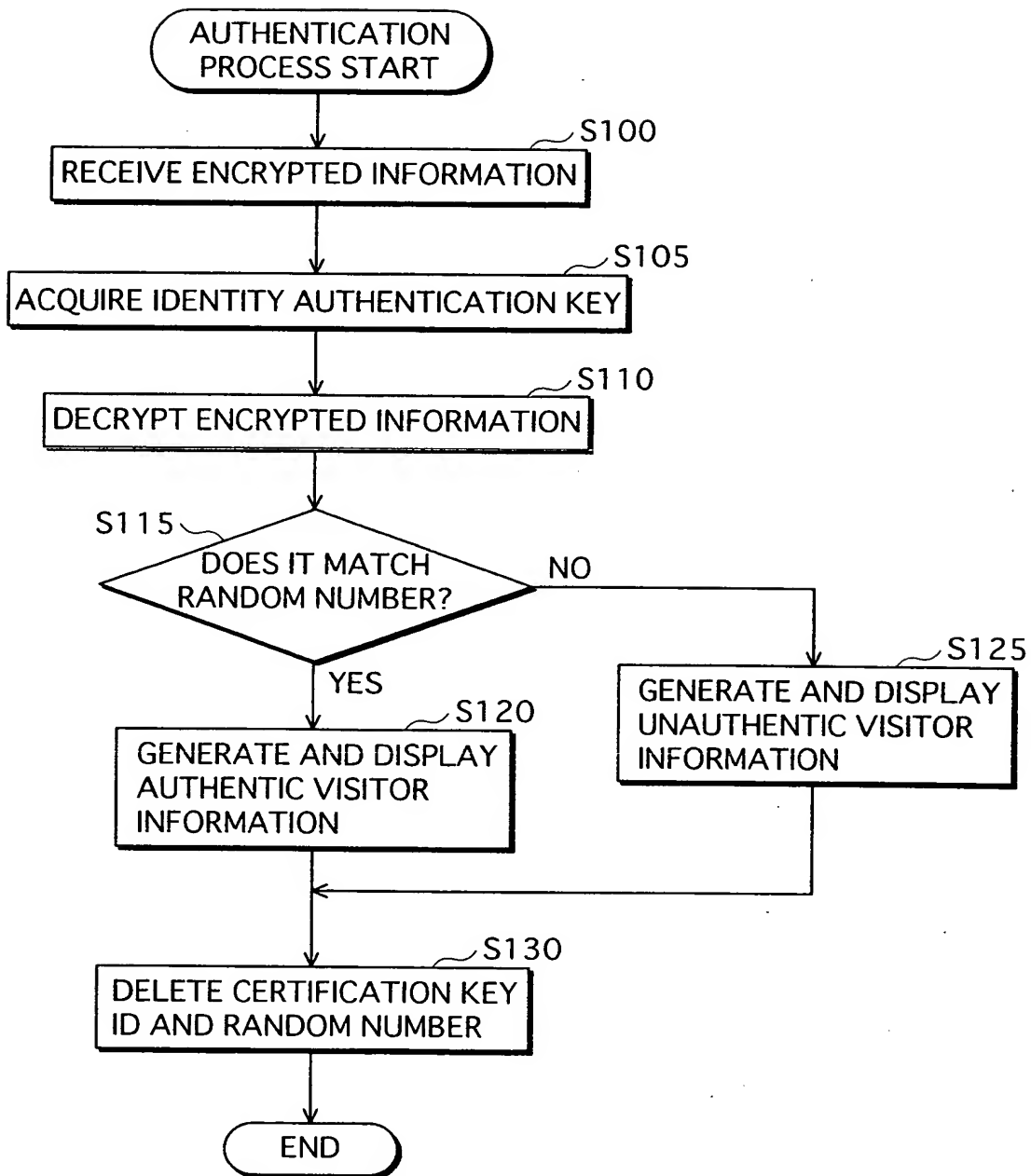


FIG. 7

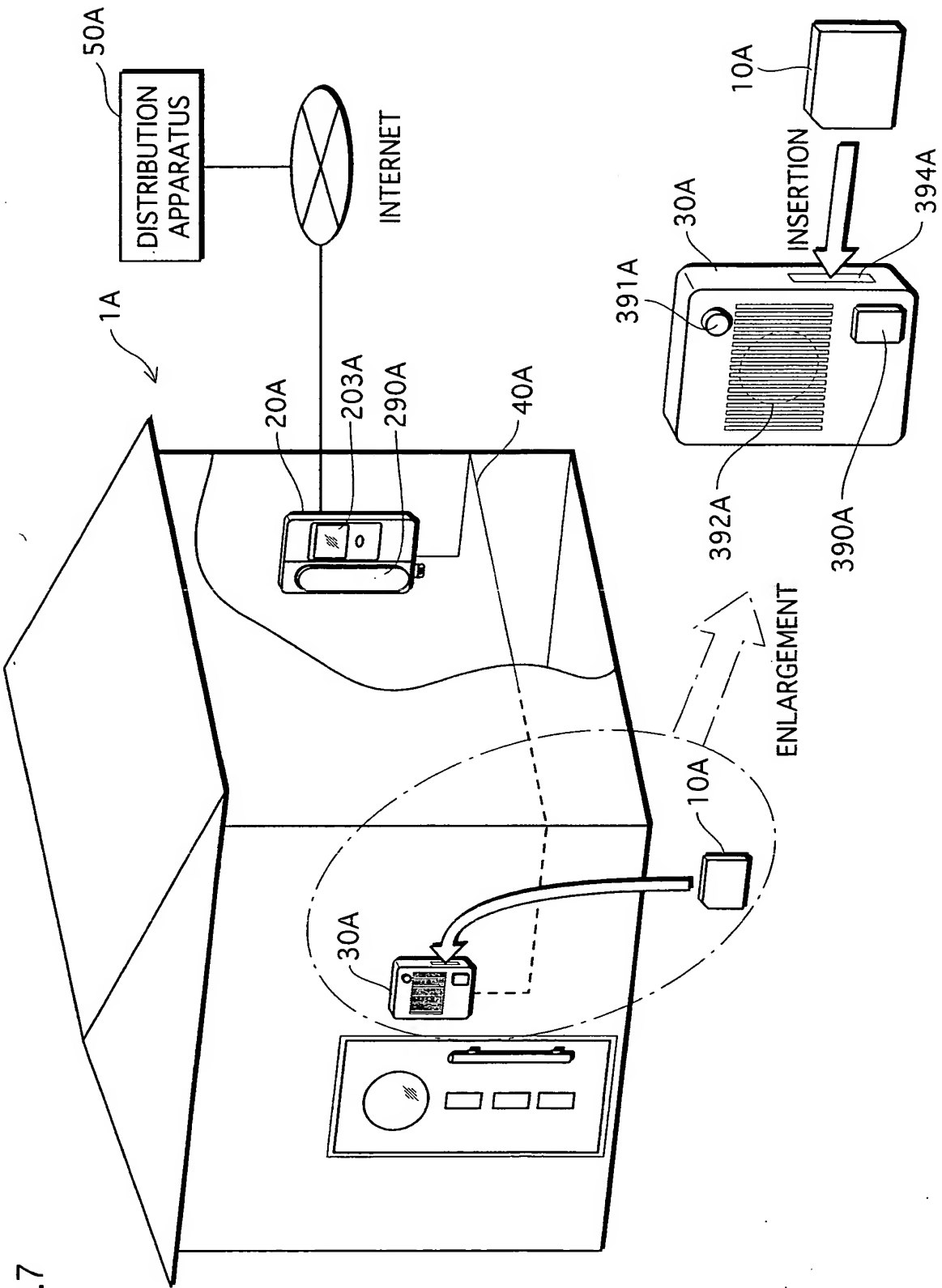


FIG.8

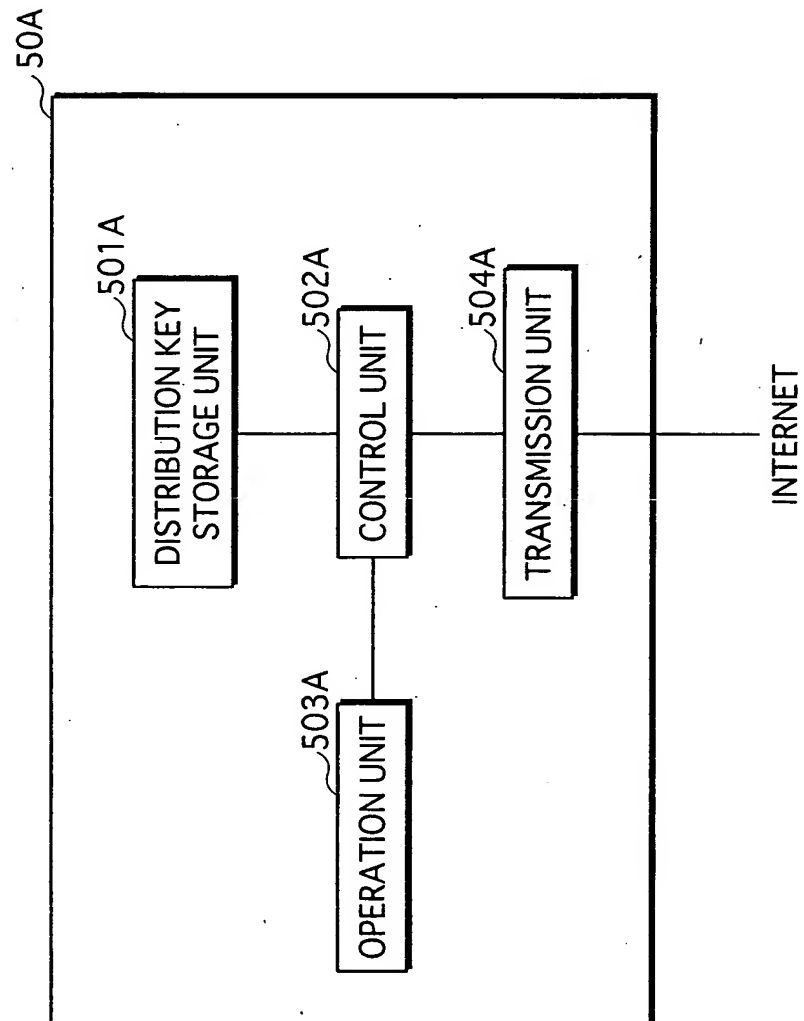


FIG.9

T200
↙

VISITOR ID	IDENTITY AUTHENTICATION KEY
VID 1	SK 1
VID 2	SK 2
• • •	• • •

FIG.10

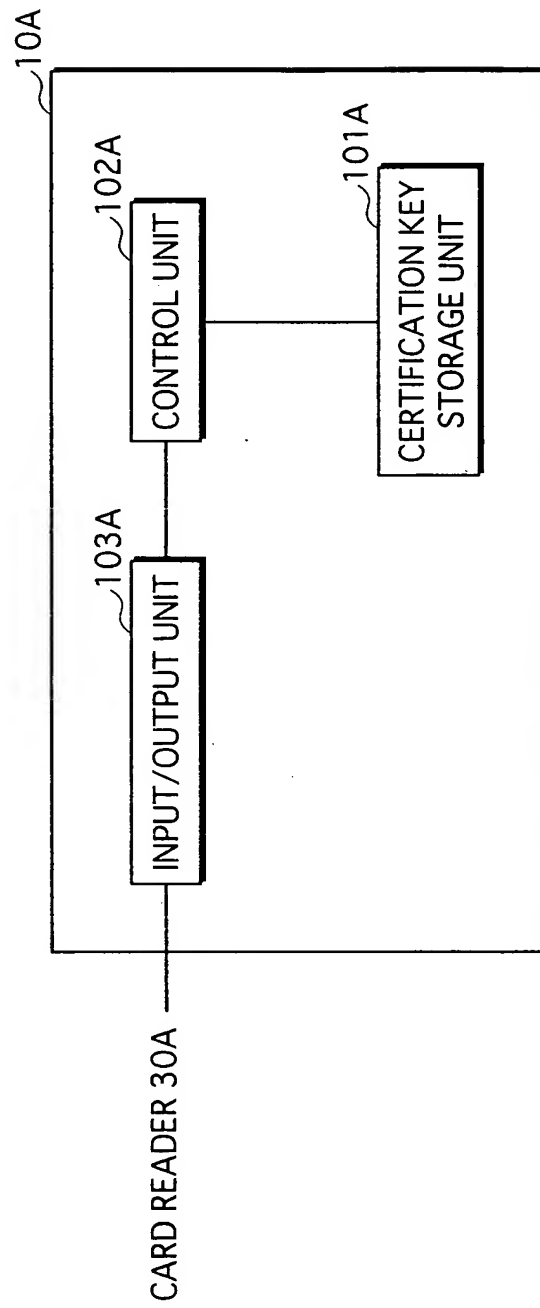


FIG. 11

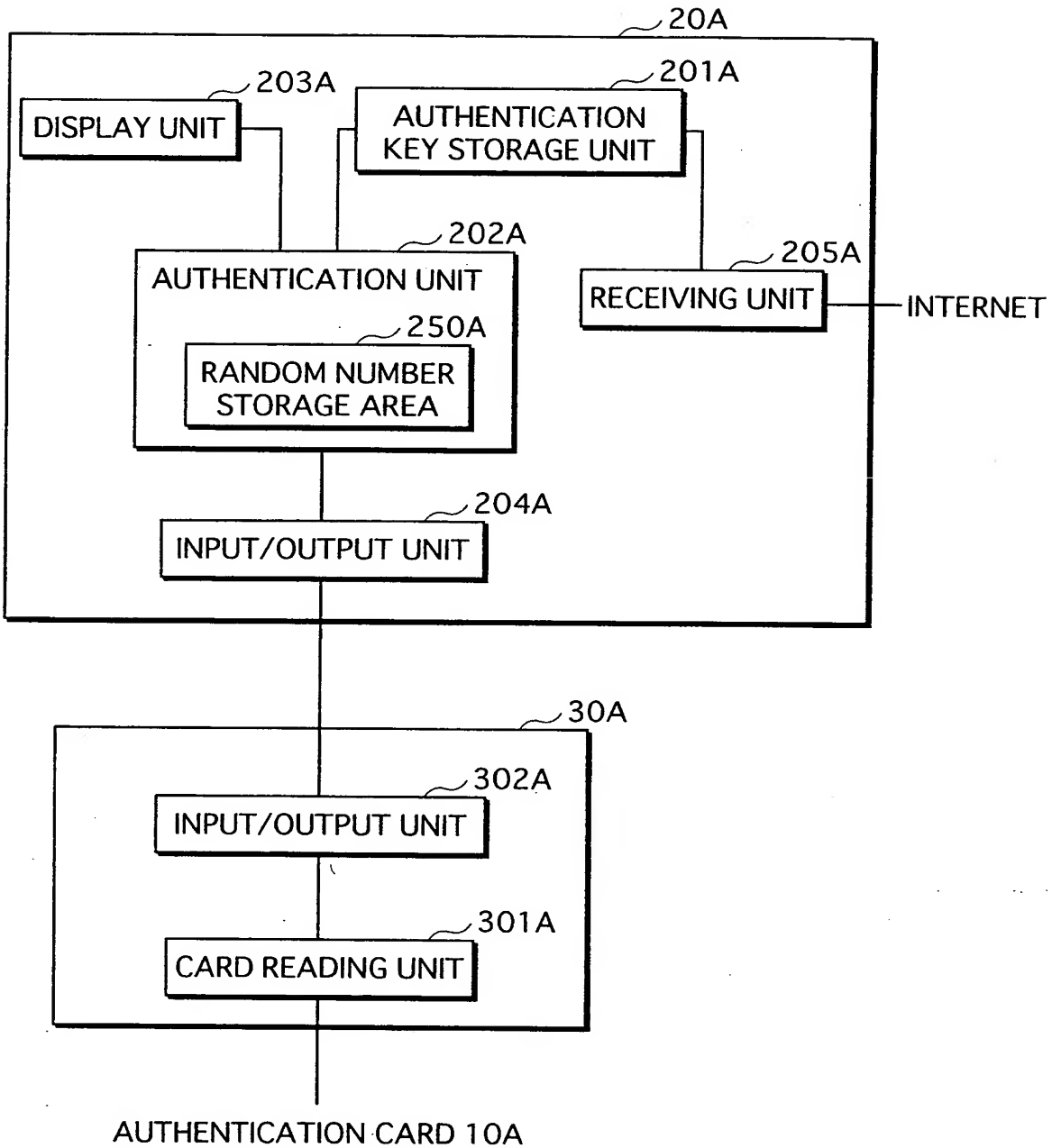


FIG.12

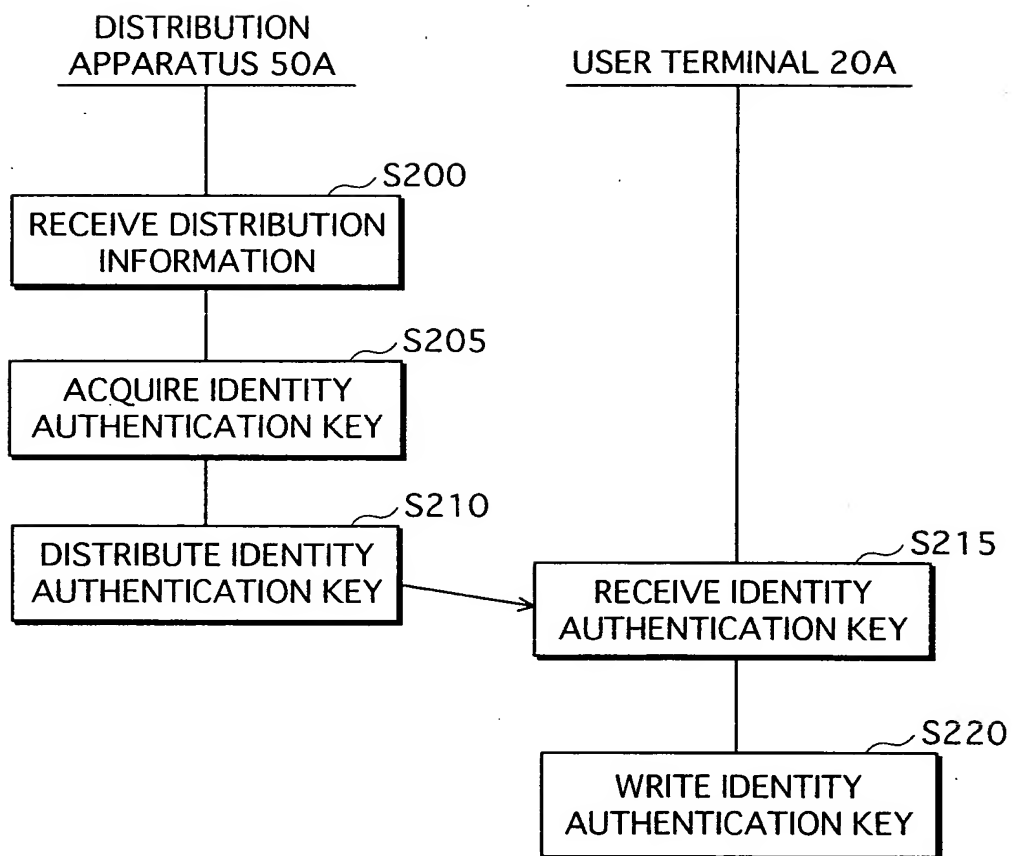


FIG.13

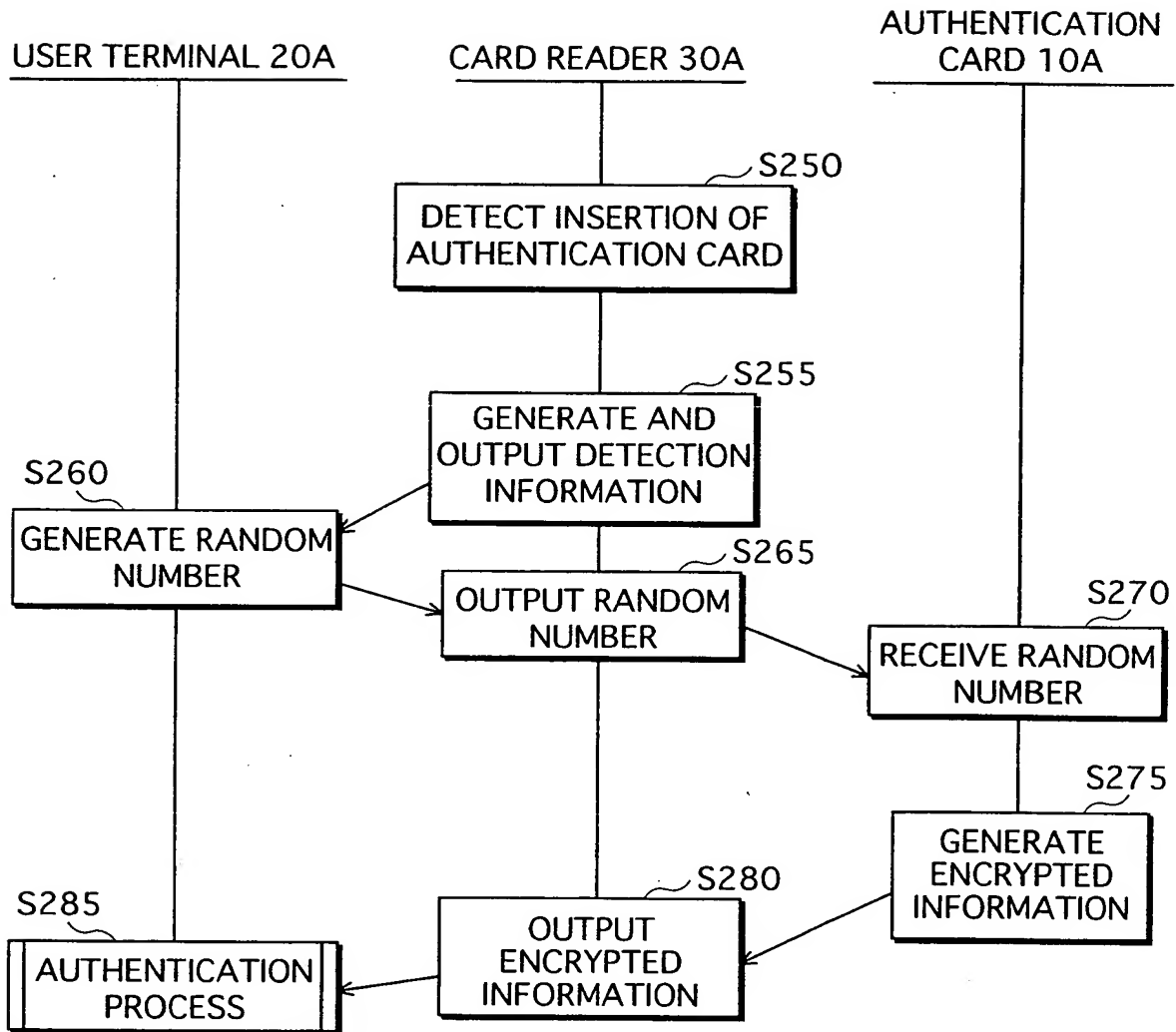


FIG.14

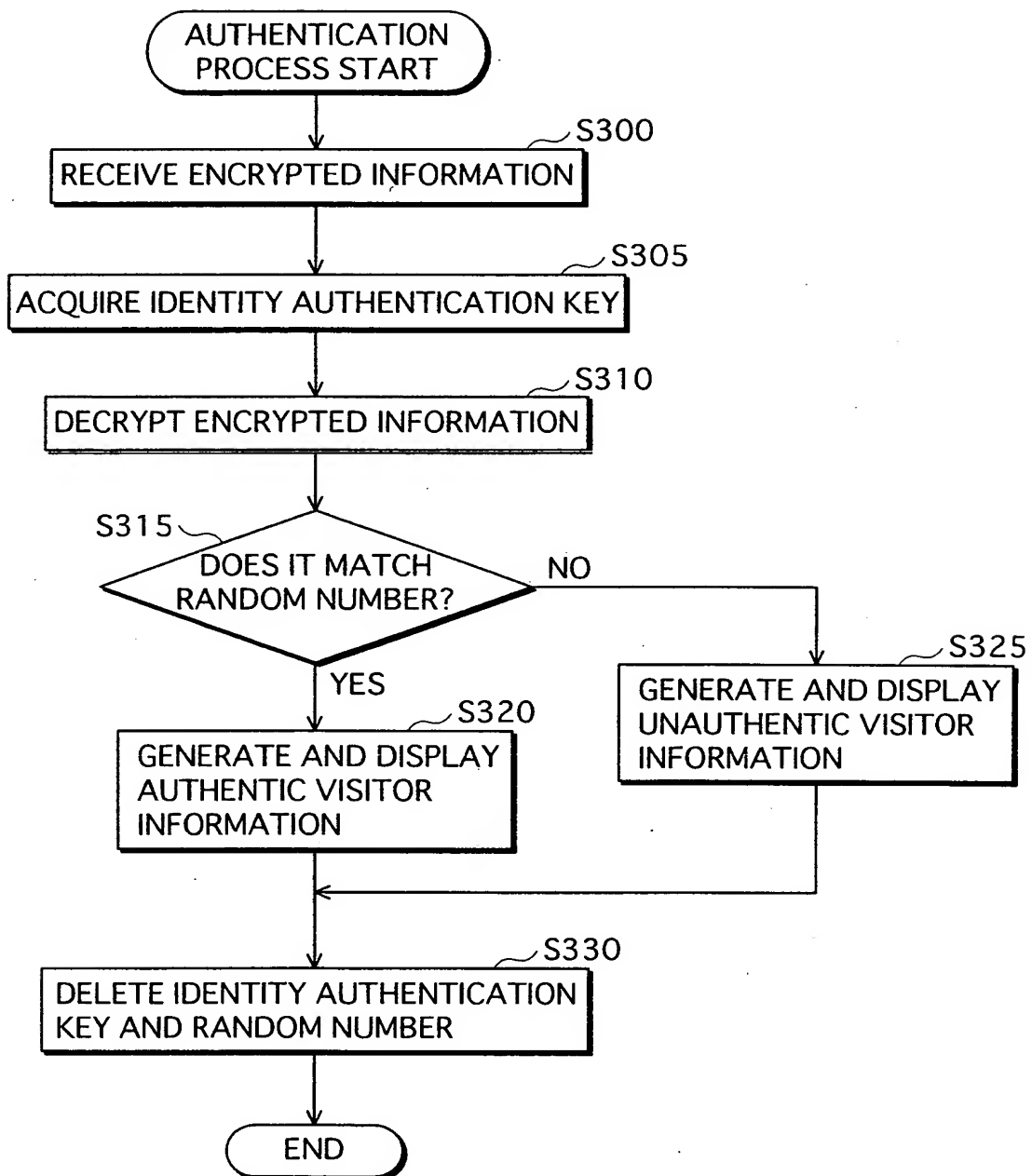


FIG.15

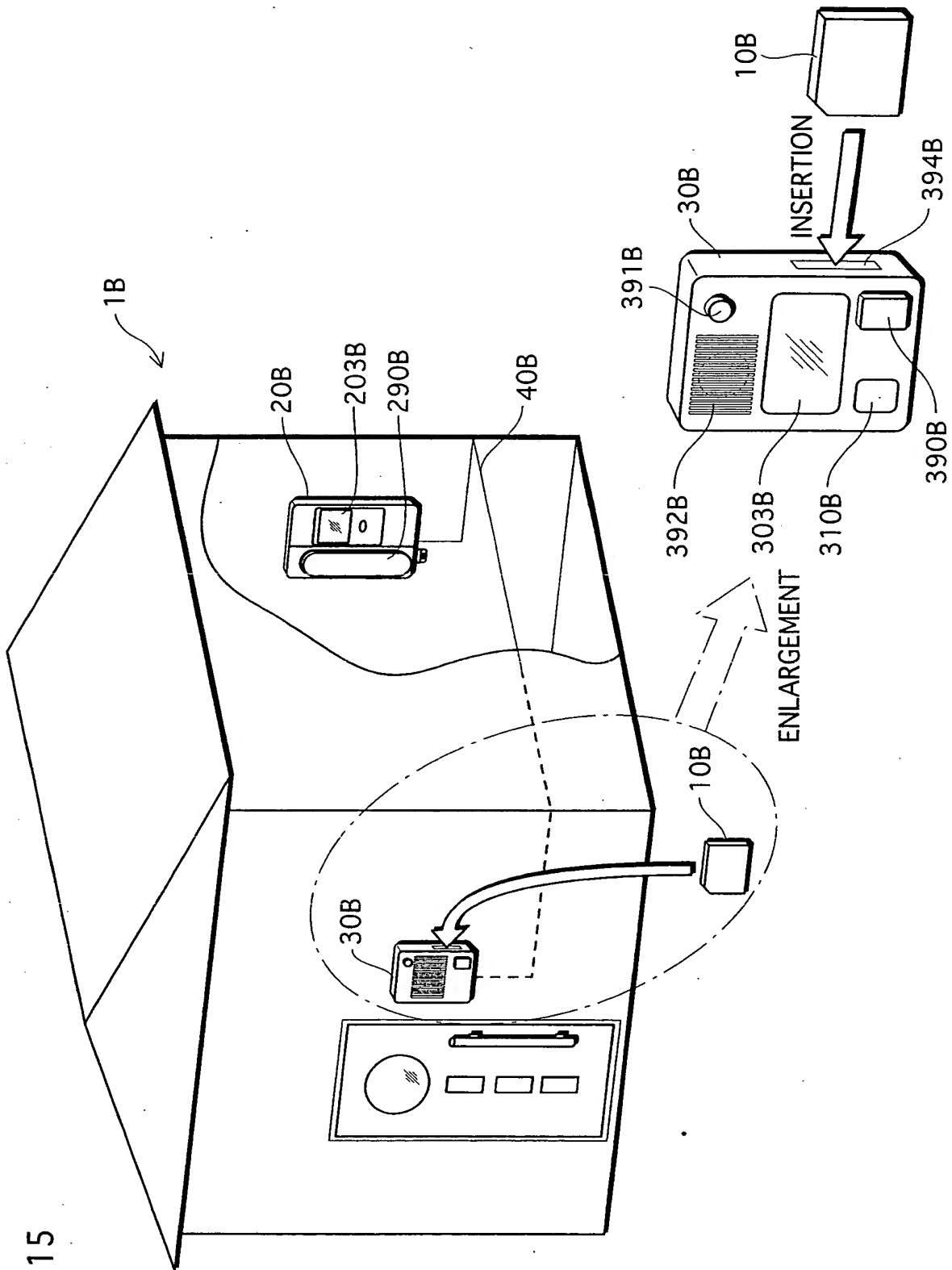


FIG.16

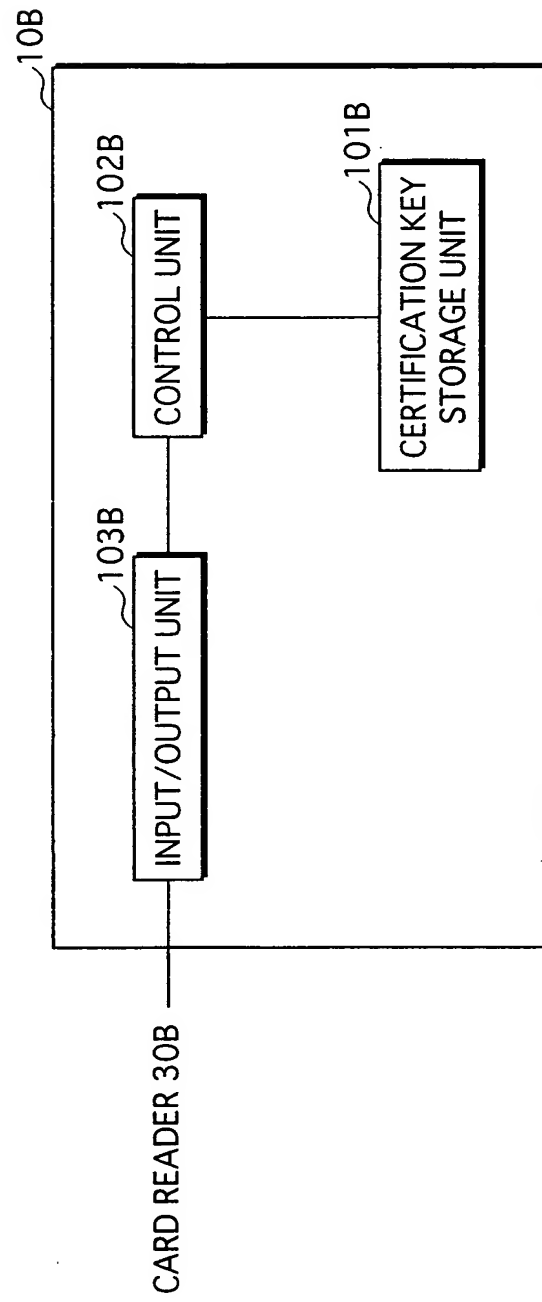


FIG.17

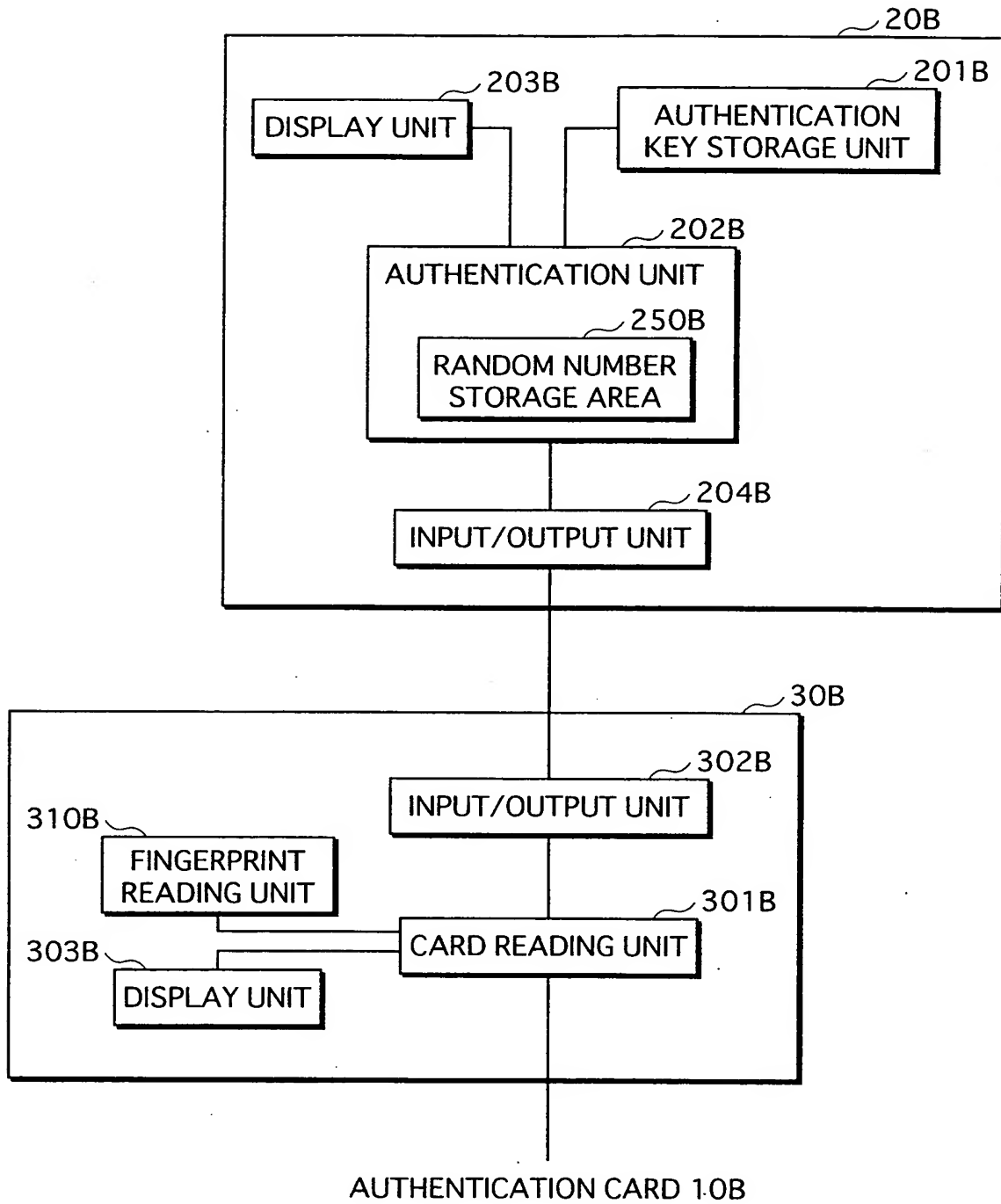


FIG.18

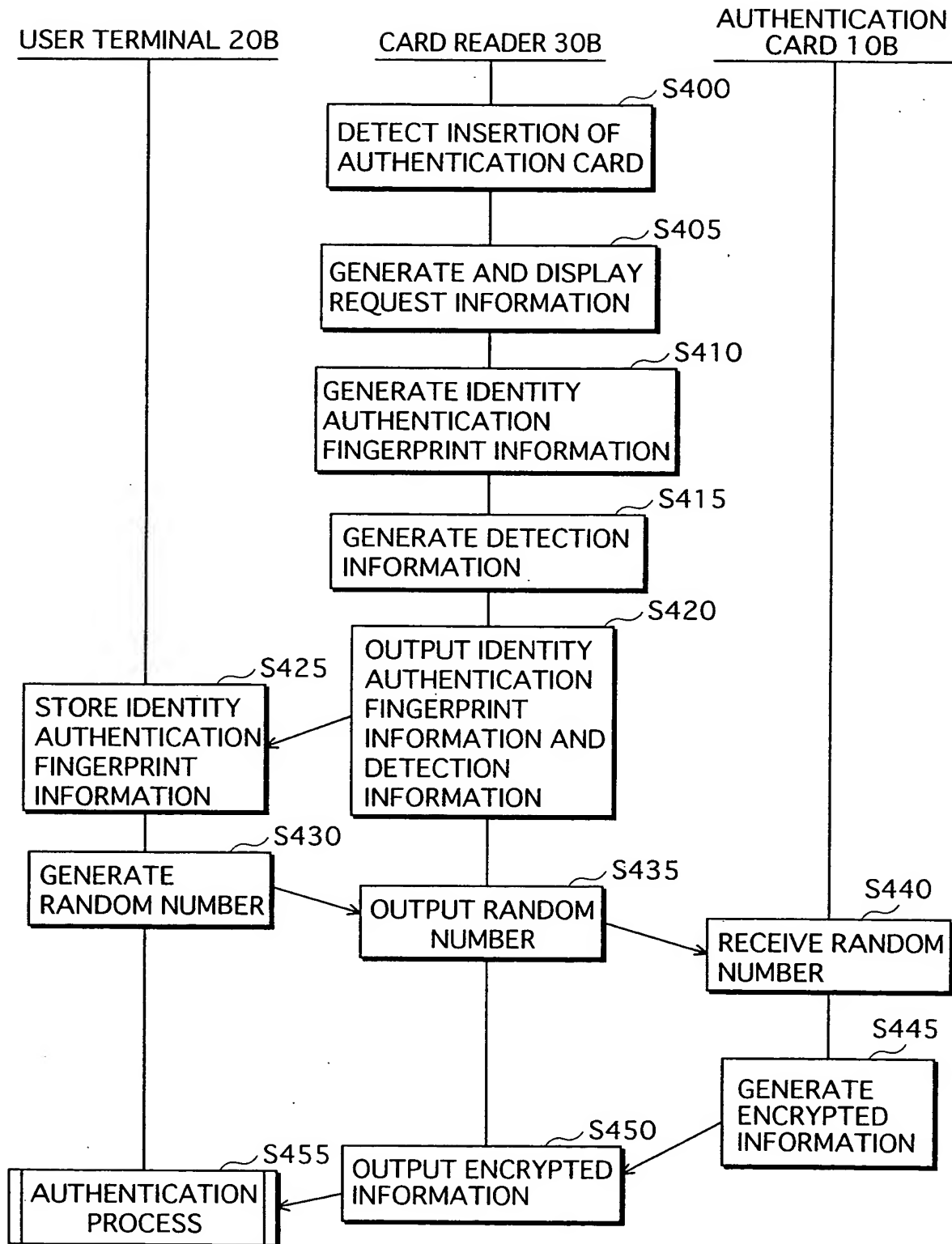


FIG.19

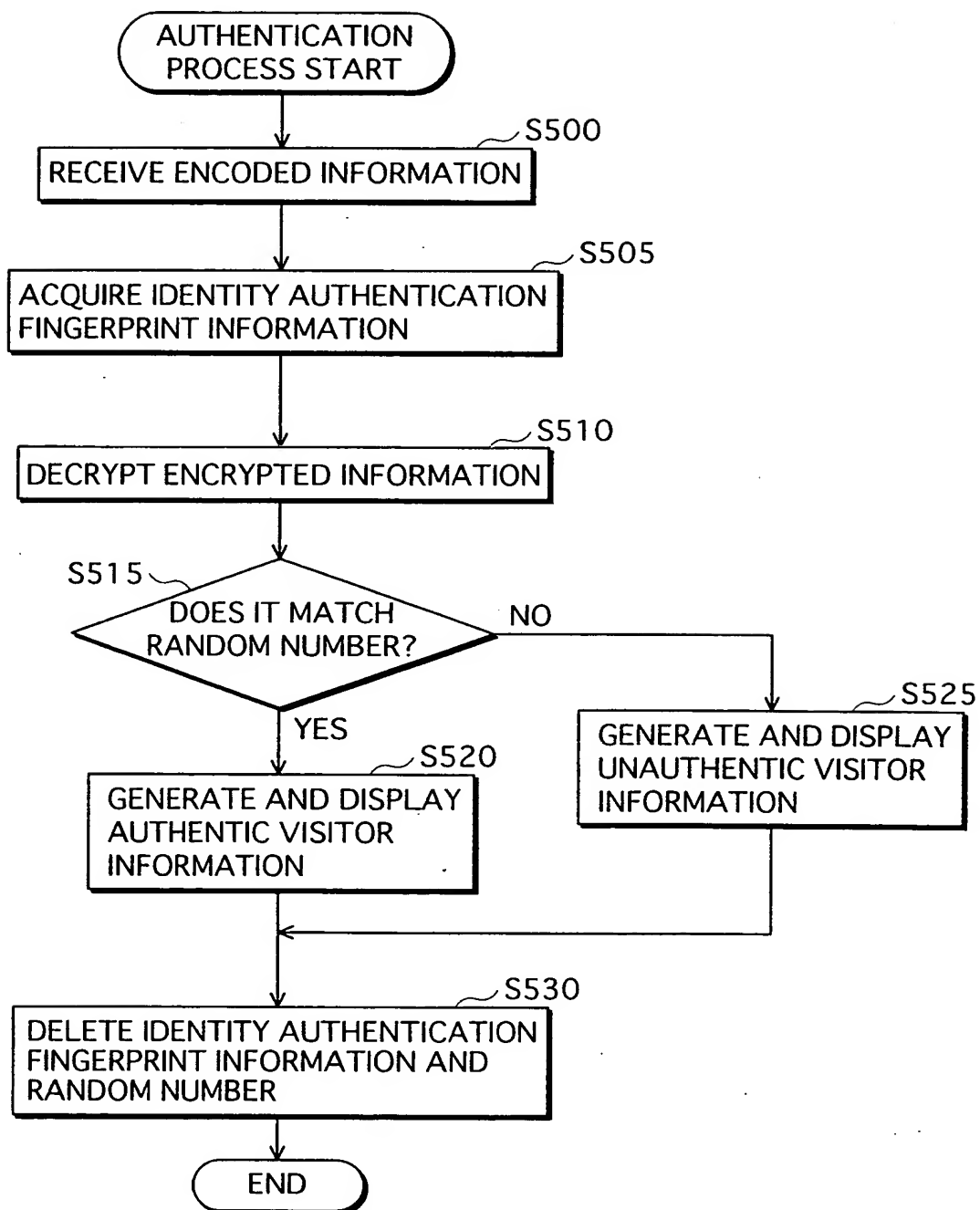


FIG.20

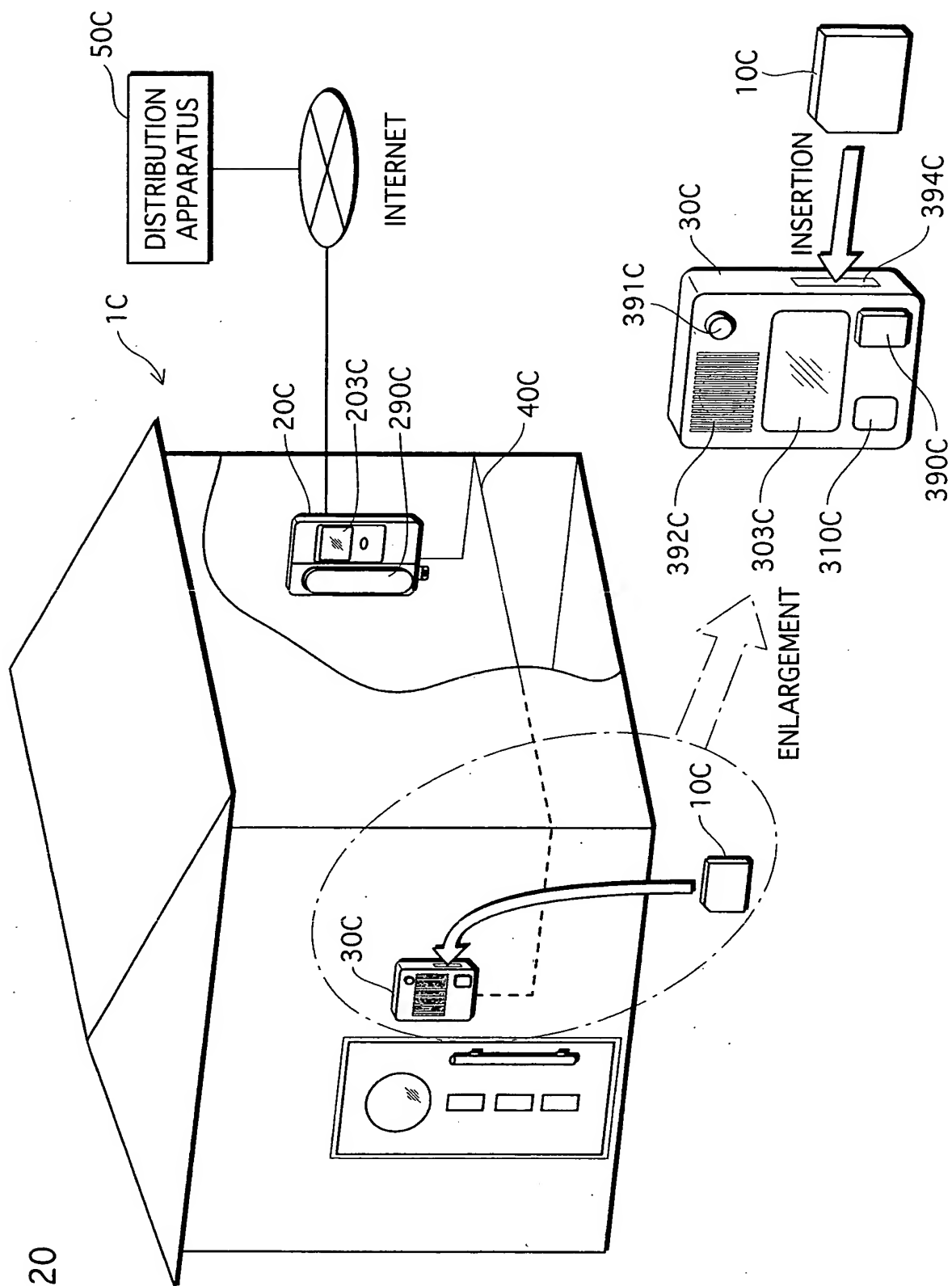


FIG.21

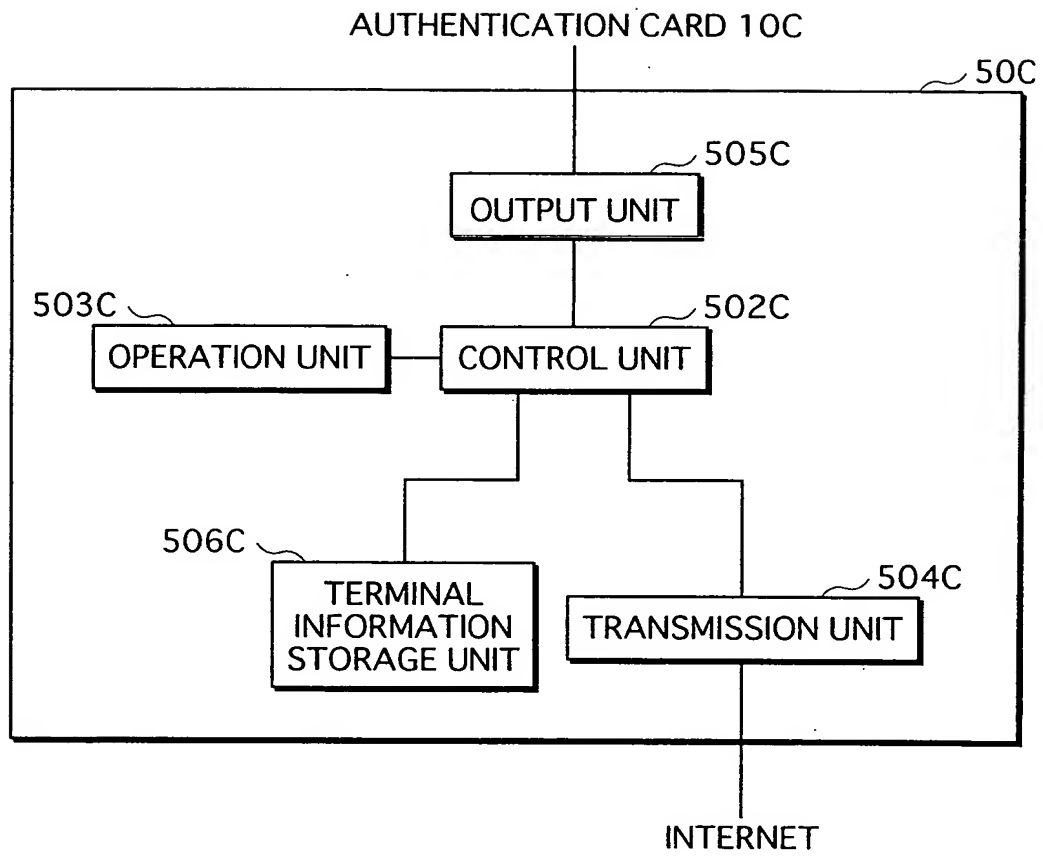


FIG.22

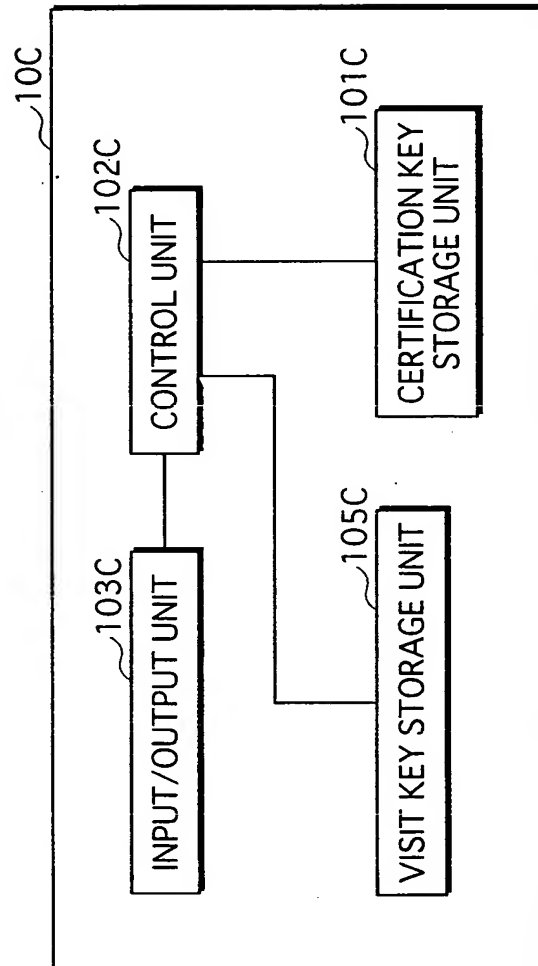


FIG.23A

T300
↙

TERMINAL ID	VISIT TIME PERIOD	BUSINESS OF VISIT
T-ID 1	13:00~15:00	DELIVERY OF ARTICLE A
T-ID 2	13:00~15:00	DELIVERY OF ARTICLE B
⋮	⋮	⋮

FIG.23B

T310
↙

TERMINAL ID	VISIT KEY
T-ID 1	V-key1
T-ID 2	V-key2
⋮	⋮

FIG.24

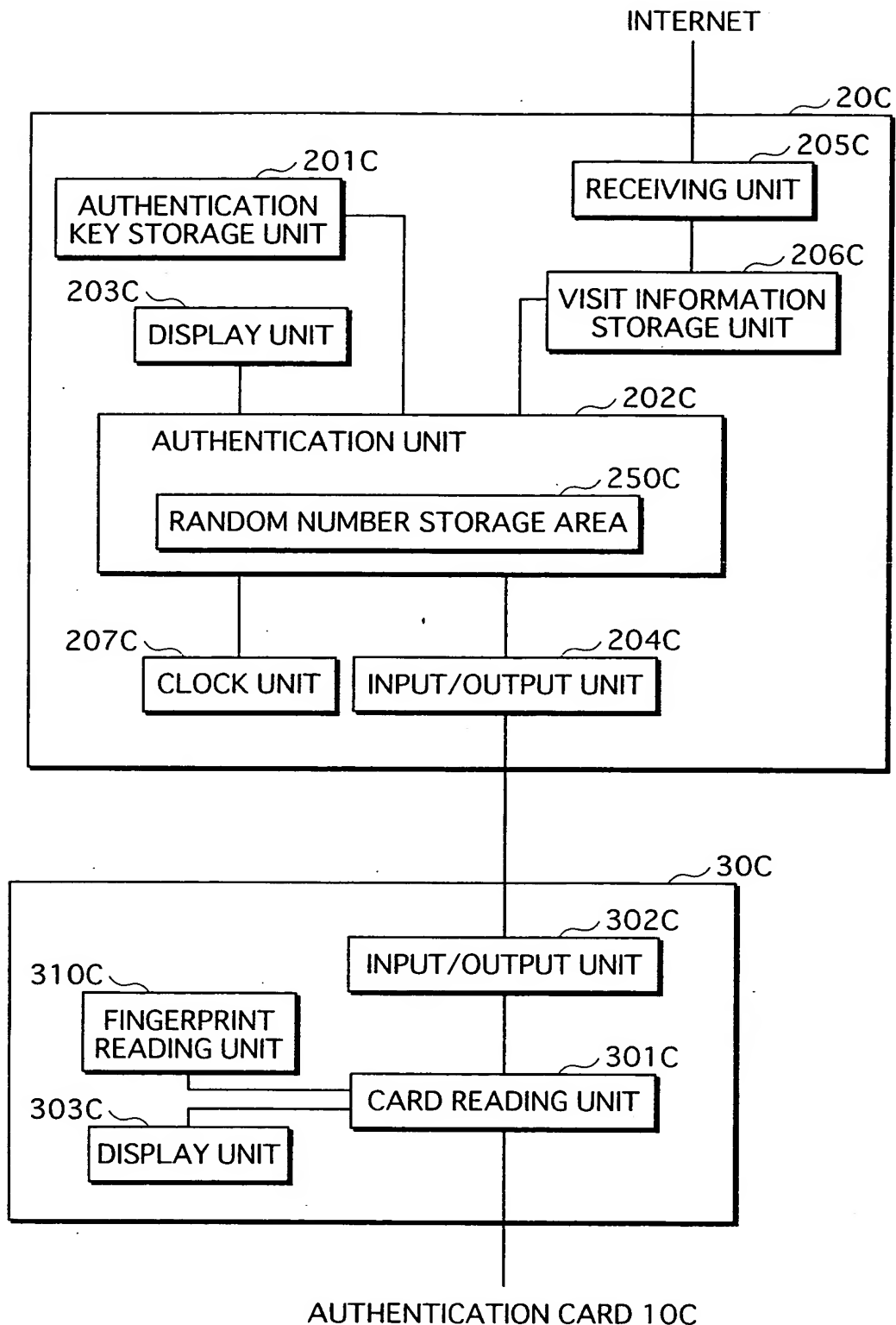


FIG.25

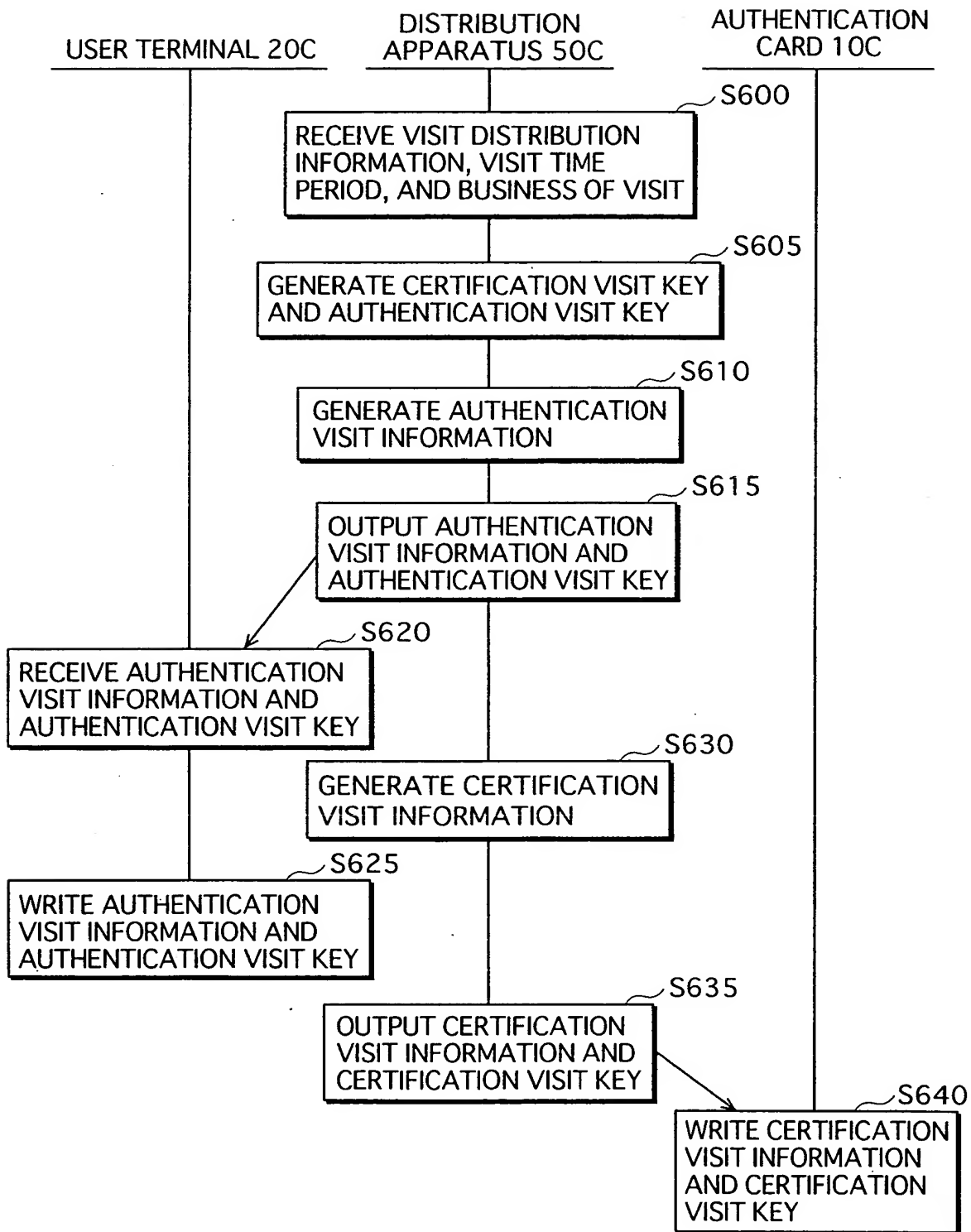


FIG.26

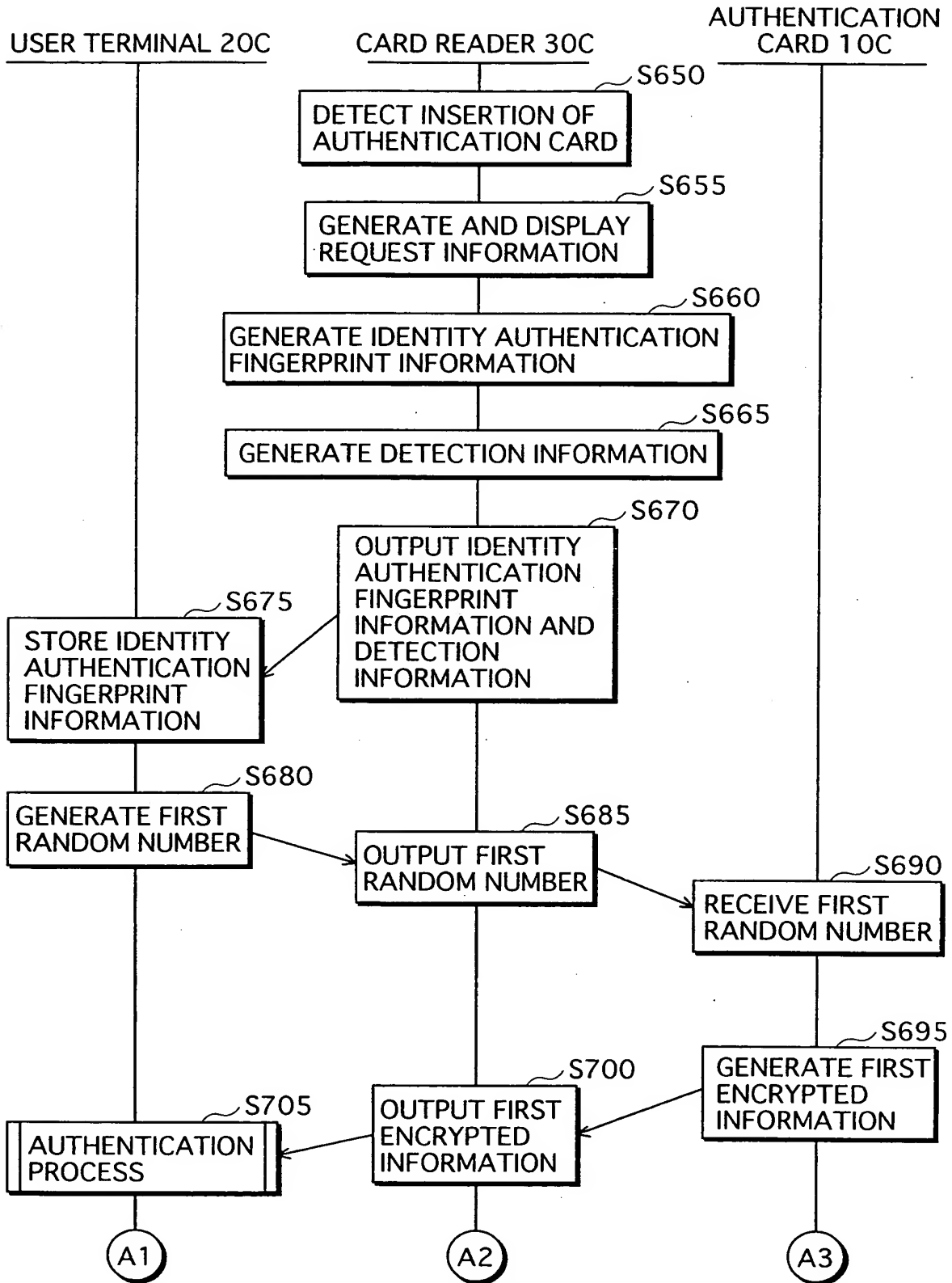


FIG.27

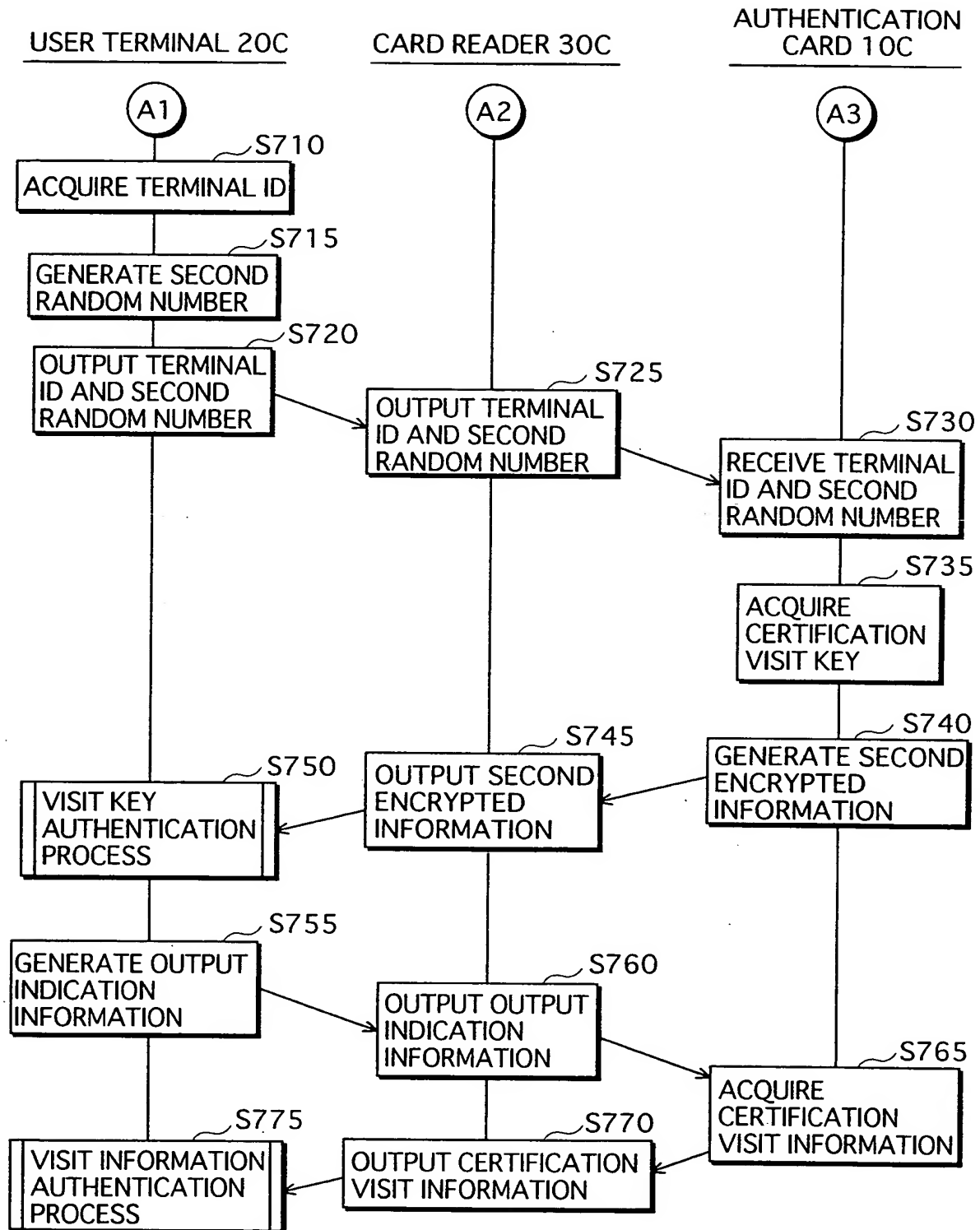


FIG.28

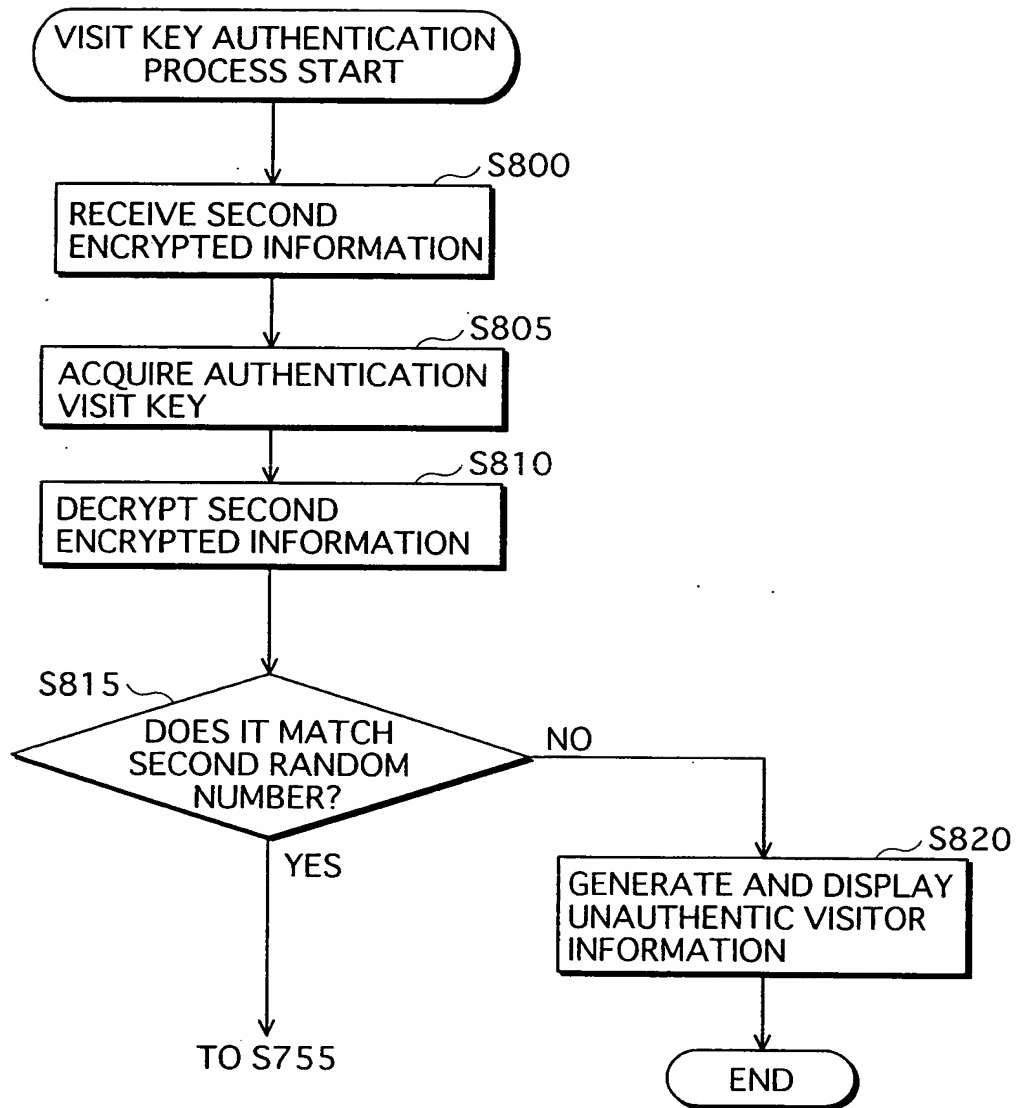


FIG.29

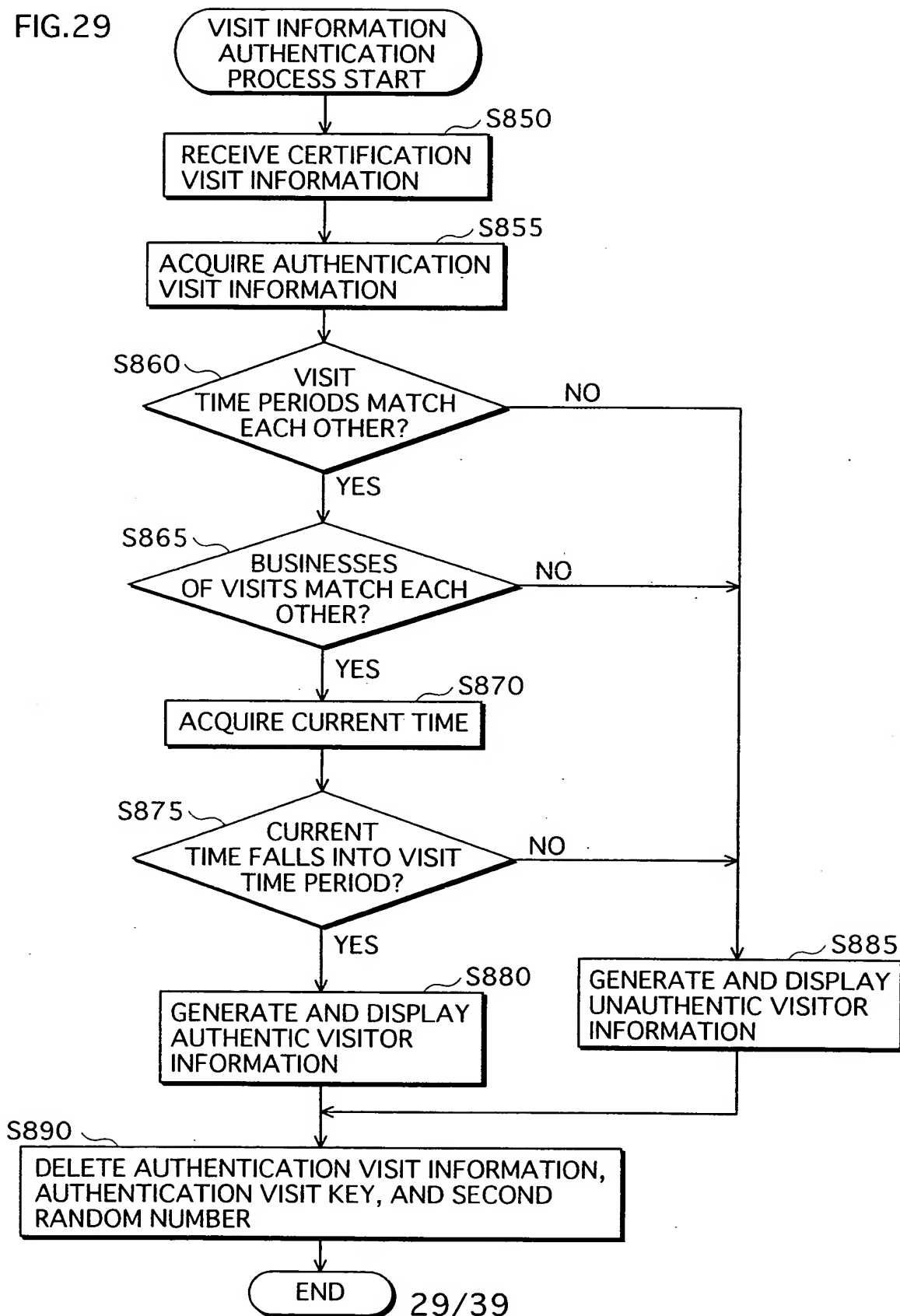


FIG. 30

FIG. 30 is a perspective view of a device 1D. The device 1D is shown in a perspective view, with a front panel 20D, a display 203D, a button 290D, and a speaker 40D. An enlarged view of the device is shown below, with labels 60D, 70D, 10D, 691D, 692D, 602D, 601D, 690D, 702D, 703D, and 790D. An arrow labeled "ENLARGEMENT" points from the device to the enlarged view. An arrow labeled "INSERTION" points from the device 10D to the enlarged view.

FIG.31

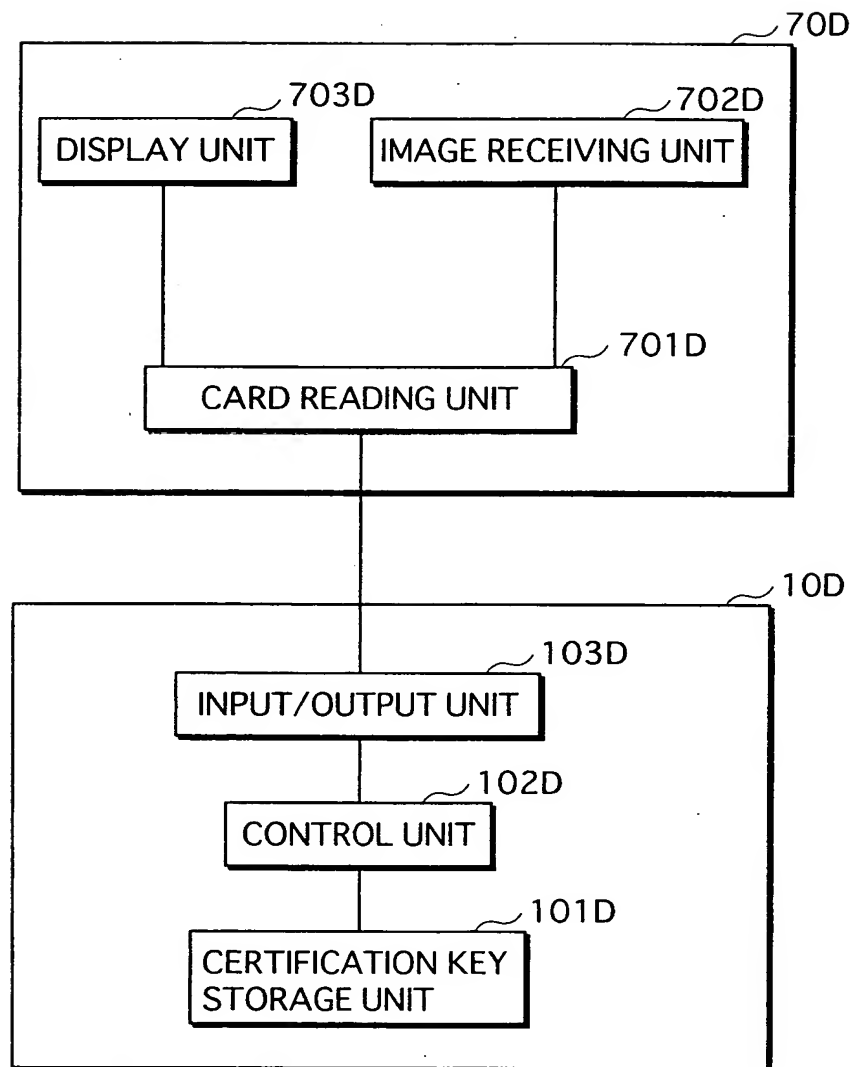


FIG.32

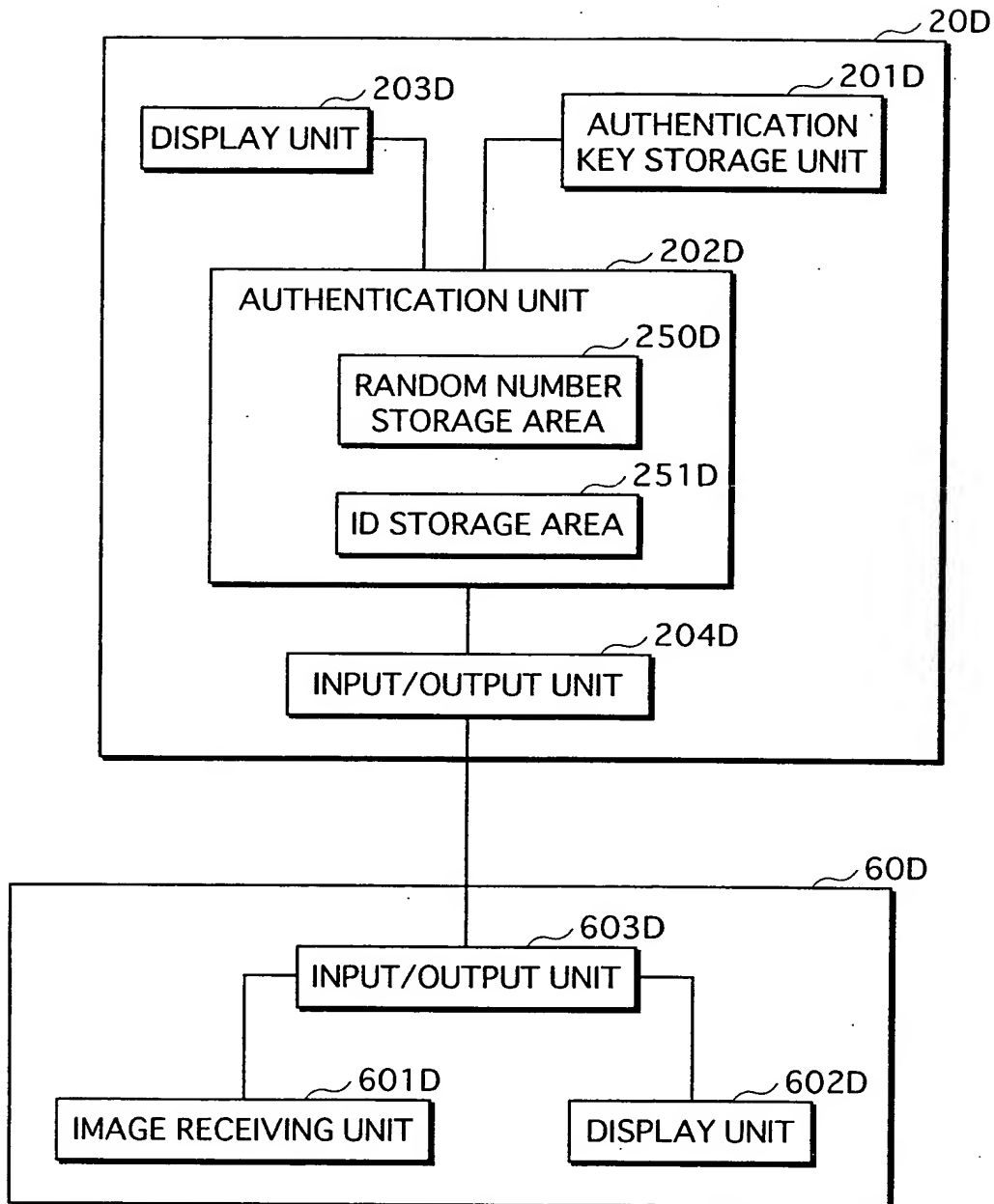


FIG.33

T500
↙

AUTHENTICATION KEY ID	IDENTITY AUTHENTICATION KEY	ONE-WAY FUNCTION
ID 1	SK 1	f_1
ID 2	SK 2	f_2
ID 3	SK 3	f_3
⋮	⋮	⋮

FIG.34

T600

AUTHENTICATION FUNCTION ID	ONE-WAY FUNCTION
ID_1	f_1
ID_2	f_2
ID_3	f_3
⋮	⋮

FIG.35

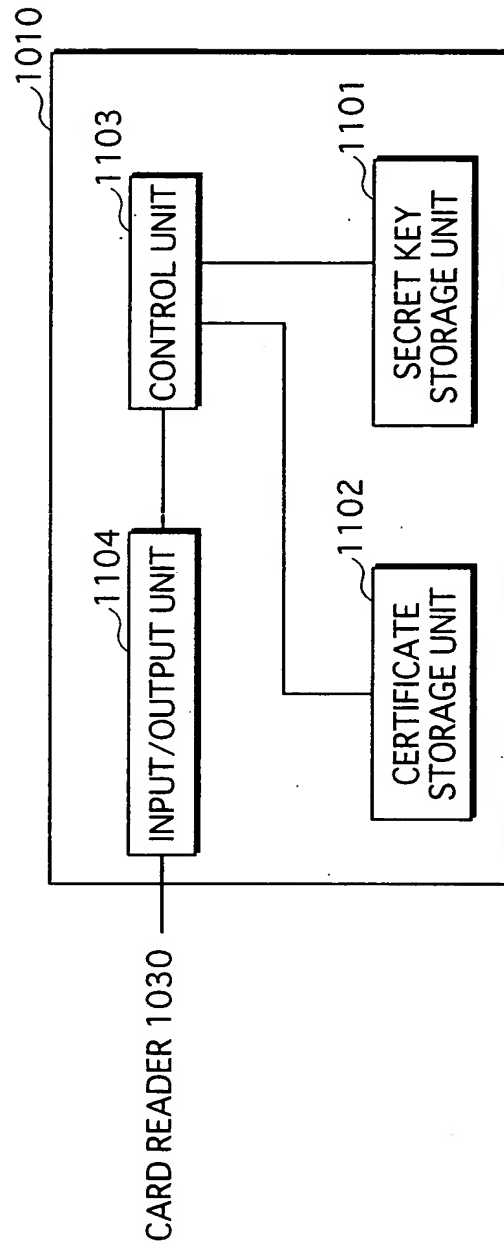


FIG.36

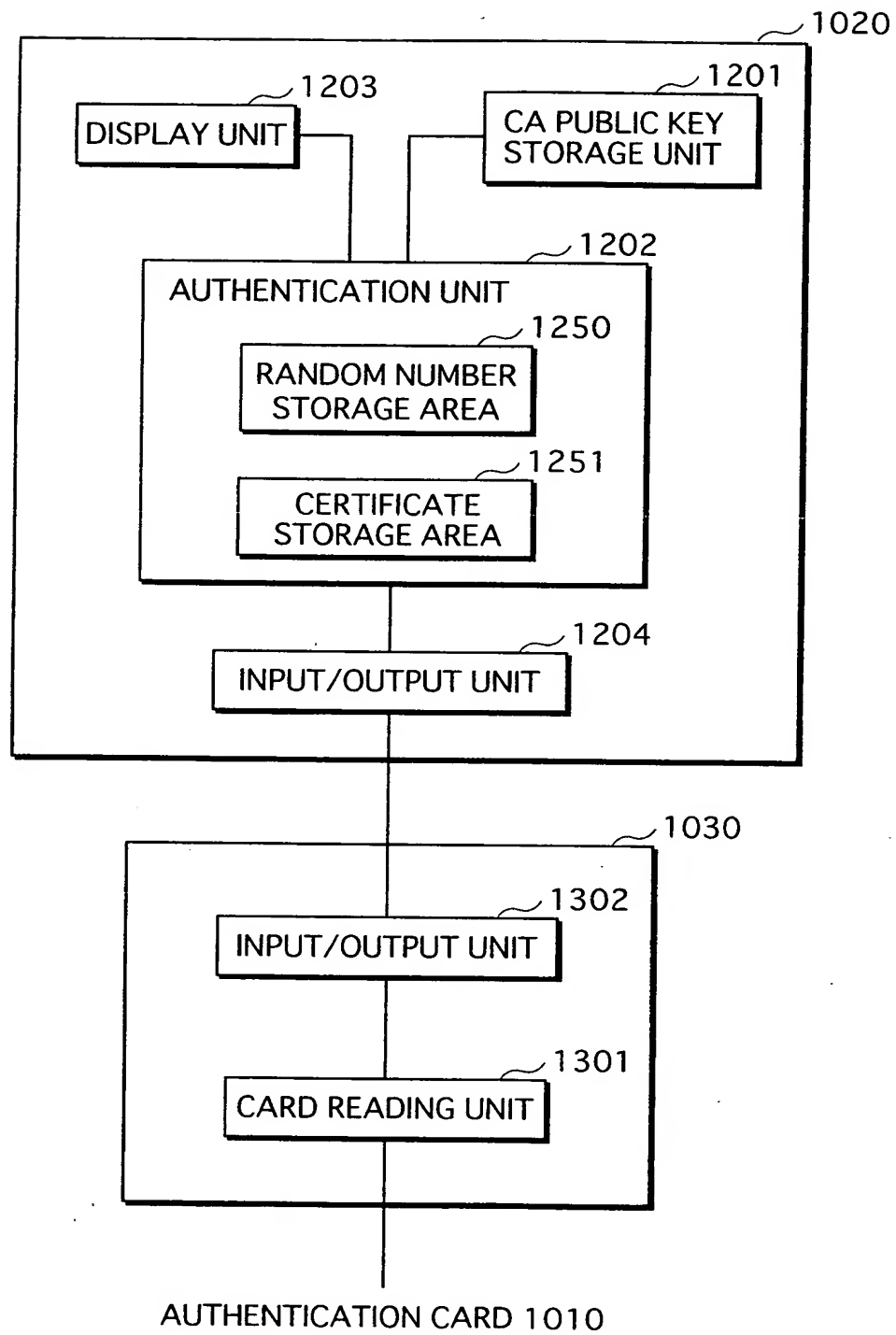


FIG.37

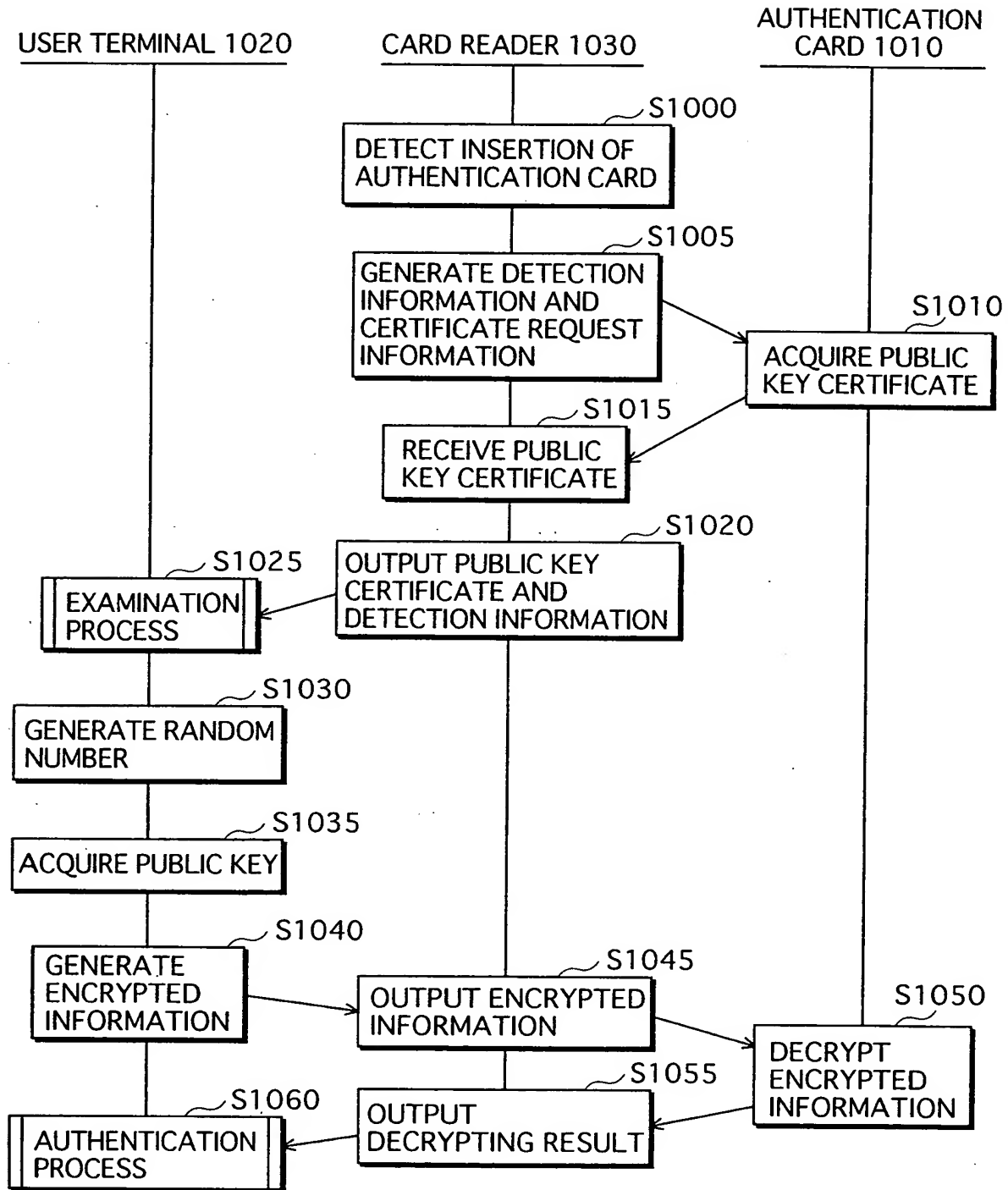


FIG.38

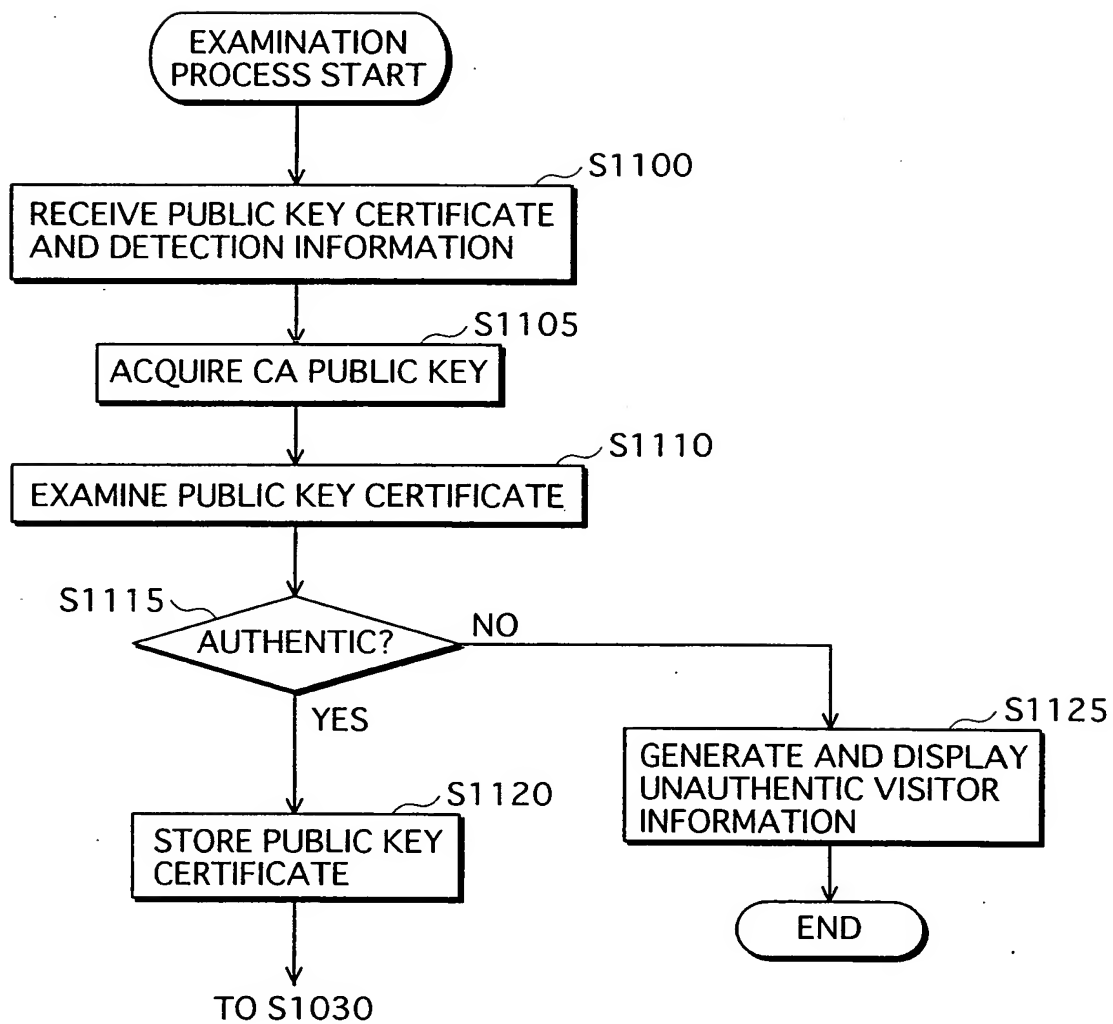


FIG.39

